

Pioneer *sound.vision.soul*



Hardware Manual

ENGLISH

DVD Navigation Unit

AVIC-9DVD_{II}

AVIC-8DVD_{II}

Introduction

How To Read This Manual

This manual mainly describes hardware-related information such as the part names of the Navigation System or precautions for use. Please read this manual before using your Navigation System. The following issues are described in each chapter:

■ *How to use this manual*

Introduction

In this chapter, precautions for a use of this Navigation System is listed.

1. Setting of Remote Control and names of each part

This chapter describes setting methods and functions of the Remote Control for operating the Navigation System. In addition, the topics, which are important to know before using this Navigation System, such as the names of each part, inserting/ejecting discs, or how to set a PC Card, are described in this chapter.

2. Using Built-in DVD Player (AVIC-9DVDII only)

This chapter describes how to set DVD Video or CD and play with this Navigation System. (This function is for AVIC-9DVDII only. This is not available for AVIC-8DVDII.)

Appendix

In this chapter, how to handle the Navigation System or discs, specifications of the Navigation System and how to reset the system are listed.

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Important Safety Information

Before using your Navigation System, be sure to read and fully understand the following safety information:

- Read the manual before operating this Navigation System.
- This Navigation System is intended solely as an aid to you in the operation of your vehicle. It is not a substitute for your attentiveness, judgement, and care when driving.
- Do not operate this Navigation System if doing so in any way will divert your attention from the safe operation of your vehicle. Always observe safe driving rules and follow all existing traffic regulations.
- Never allow others to use the system unless they have read and understood the operating instructions.
- Never use this Navigation System to route to hospitals, police stations, or similar facilities in an emergency. The map data may not include a comprehensive list of emergency service facilities.
- Route and guidance information displayed by this equipment is for reference purposes only. It may not accurately reflect the latest permissible routes, road conditions, or traffic restrictions.
- Traffic restrictions and advisories currently in force should always take precedence over guidance given by this product. Always obey current traffic restrictions, even if this product provides contrary advice.
- Failure to input correct information about the local time may result in the product providing improper routing and guidance instructions.
- Never set the volume of your Navigation System so high that you cannot hear outside traffic and emergency vehicles.
- Keep your password secure and confidential. Knowledge of your password can give someone else access to personal information stored by the system, such as the history of destinations you have been to and your home address.
- To promote safety, certain functions are disabled unless the handbrake is on.
- The data encoded in the disc provided with this product is the intellectual property of the provider, and the provider is responsible for such content.
- As with any accessory in your vehicle's interior, you should not allow this Navigation System to divert your attention from the safe operation of your vehicle. If you experience difficulty in operating the system or reading the display, please make adjustments while safely parked.

Notes Before Using the System

■Precaution

- This product complies with the EMC Directives (89/336/EEC, 92/31/EEC) and CE Marking Directive (93/68/EEC).
- This product does not work correctly in the areas other than Europe.
 - Pay close attention to all warnings in this manual and keep this manual handy for future reference.
 - Should this product fail to operate properly, contact your dealer or the nearest authorised Pioneer service facility.

CAUTION

This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.

Refer all servicing to qualified personnel.

The following caution label appears on your unit.

Location: on the bottom of the unit



En

On the top of the unit.

CAUTION : VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN.
: AVOID EXPOSURE TO BEAM.

VORSICHT : SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG, WENN
: ABDECKUNG GEÖFFNET NICHT DEM STRAHL AUSSETZEN!

ADVARSEL : SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING
: UNDGA UDSÆTTELSE FOR STRÅLING.

VARNING : SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA
: DEL ÄR ÖPPNAD BETRÄKTA EJ STRÅLEN.

VARO! : AVATTAESSA ALTISTUT NÄKYVÄ JA NÄKYMÄTTÖMÄLLE
: LASERSATEIL YLLE. ÄLÄ KATSO SÄTEESIN.

VRW1699

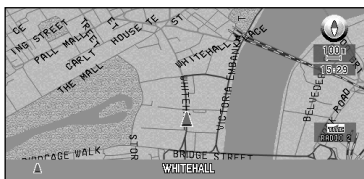
- The Pioneer CarStereo-Pass is for use only in Germany.
- Always keep the volume low enough for outside sounds to be audible.
- Protect this product from moisture.

Handbrake interlock

Certain functions offered by this Navigation System could be dangerous if used while driving. To prevent them being used while in motion, there is an interlock with your vehicle’s handbrake. If you attempt to use these functions while driving, the message “You cannot use this function while driving” will be displayed. Find a safe place to stop and apply the handbrake.

Colour difference of the map display between day and night

To prevent the normal display from appearing too bright and distracting you when driving after dark or in dull conditions, the map background changes automatically to a darker colour when you switch on your vehicle lights. You can, however, turn off this automatic switching. (See “Map Display” in Operation Manual.)



Daytime display



Night display

The examples in this manual are illustrated using the daytime display. When driving at night, the colours you see may differ from those shown.

To use this function, the Orange/white lead to this unit must be connected correctly. (See “Map Display” in Operation Manual.)

Avoiding low battery

When using this unit, make sure to start your engine first. Using this unit without starting the engine will run down the battery.

■ About the main unit battery

The main unit of your Navigation System has a lithium battery for memory backup. Please dispose of the battery properly by following the instructions below.



WARNING

- Keep the lithium battery out of the reach of the children. Should the battery be swallowed, immediately consult a doctor.



CAUTION

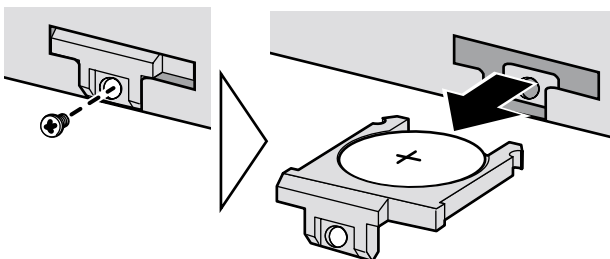
- Do not recharge, disassemble, heat or dispose of the battery in a fire.
- Use a CR2450 (3V) lithium battery only. Never use other types of battery with this unit.
- Do not handle the battery with metallic tools.
- Do not store the lithium battery with metallic materials.
- When disposing of used batteries, please comply with governmental regulations or environmental public institution's rules that apply in your country/area.
- Always check carefully that you are loading the battery with its (+) and (-) poles facing in the proper directions.

How to remove the battery

PRECAUTION:

- Remove the battery from the main unit using a non-metallic tapered instrument.

- 1 Using a screwdriver, remove the screw at the side of the main unit.
- 2 Using a pointed tool, pull out the tray on which the battery is set, and remove the battery.



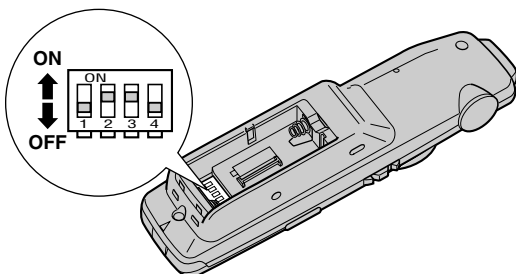
Setting the Remote Control and Names of Each Part

Preparing the Remote Control

You generally use the Remote Control to operate the Navigation System. Before using the Remote Control, set the dipswitches and insert the batteries as described in the following sections.

■ Selecting dipswitches

When you remove the battery cover of the Remote Control and remove the batteries, you will see the dipswitches as shown in the following illustration. You can set each dipswitch using the tip of a ballpoint pen.



Setting Switch 1 and 2

Set depending on the equipment being combined. When using an AV master unit, use setting C or D.

Setting A : When combining with AVH-P6400CD, AVH-P6400R or a display which has 26 pin RGB input terminal.

Setting B : When using with a display other than those above (AVX-P7000CD, AVX-7000, AVD-W8000, AVD-W6000, AVD-W6010, AVX-7300, AVX-P7300DVD etc.)

Setting C : When using with an AVM-P8000R or AVM-P9000R.

Setting D : When using with an AVM-P7000R.

Switch 1	Switch 2
Setting A : OFF	OFF
Setting B : OFF	ON
Setting C : ON	OFF
Setting D : ON	ON

Setting Switch 3

Setting Switch 3 ON/OFF determines which DVD code from A to C is transmitted from the Remote Control. Depending on the combination with a Pioneer DVD player, you need to change the position of the switch. (If you use units with the same code, when you press a remote control button all these units will respond, making operation troublesome.) See the corresponding section from Setting A to Setting D set in “Setting Switch 1 and 2” described above.

Units receiving A code signals :	XDV-P9 (XDV-P9II)
Units receiving B code signals :	AVIC-9DVD, AVIC-9DVDII
Units receiving C (DVH code) code signals :	DVH-P7000R
Units that can be set to receive both A and B codes :	AVX-P7300DVD, SDV-P7

Setting A

Switch 3 is not to be used (It does not matter whether it is ON or OFF.)

When the Operation Mode switch is set to “AUDIO”, you can operate units that receive A code signals.

When the Operation Mode switch is set to “DVD”, you can operate units that receive B code signals.

Setting B

ON : When the Operation Mode switch is set to “AUDIO”, you can operate units that receive A code signals.
When the Operation Mode switch is set to “DVD”, you can operate units that receive B code signals.

OFF : When the Operation Mode switch is set to “AUDIO”, you can operate units that receive C code signals.
When the Operation Mode switch is set to “DVD”, you can operate units that receive B code signals.

Setting C and D

ON : You can operate units that receive A code signals.

OFF : You can operate units that receive B code signals.
When the Operation Mode switch is set to “AUDIO”, only the operation with the NEXT/PREV control, control stick, and the PLAY/PAUSE button is possible.
When the Operation Mode switch is set to “DVD”, you can perform all DVD operations.

Setting Switch 4

When the Operation Mode switch is set to “NAVI”, set using VOL dial depending on the equipment you want to adjust.

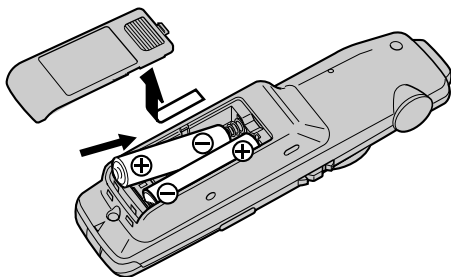
ON : Volume of the voice guidance of Navigation system is adjusted.

OFF : Volume of Pioneer Head Unit (including Pioneer AV master unit) is adjusted.

☞ Please set the switches correctly according to the combination of your equipment. Please make sure that the setting is correct, otherwise the Navigation System will not work properly.

■ Inserting the batteries to the Remote Control

Remove the battery cover, and insert two alkaline (UM-4, AAA, LR03, 1.5V) batteries.



Caution

- Take care to insert the batteries the right way round as shown by the + and - marks in the diagram.
- Do not mix new batteries with old.
- Do not mix different types of batteries. Even batteries of the same size may have different voltages.
- If the Remote Control will be out of use for a long period, remove the batteries.
- If a battery leaks, completely clean any liquid or deposits from the battery compartment before inserting new batteries.
- The supplied batteries cannot be recharged.
- We recommend using alkaline batteries as replacements.
- When disposing of used batteries, please comply with governmental regulations or environmental public institutional rules that apply in your country/area.

Getting to Know the Components and What They Do

Before using this unit, get to know the name of each component and how it is used.

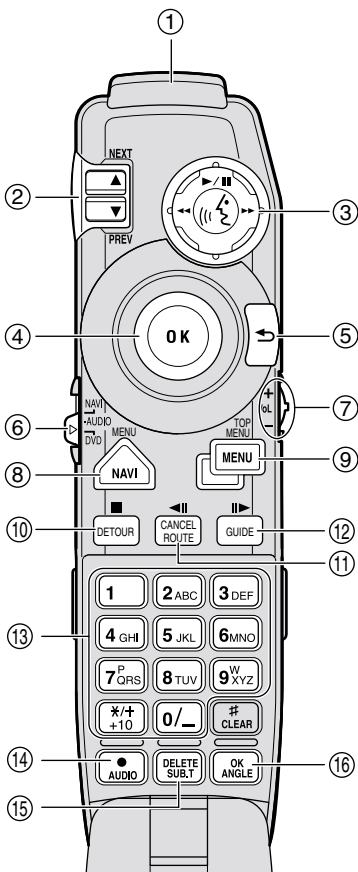
■ The Remote Control

About Operation mode switch

Using the Remote Control, you can switch to operate either the Navigation System, the DVD/CD, or Pioneer Head Unit (including AV master unit and AV receiver). If switching the operation mode, the function of each button on the Remote Control is also switched. For details concerning function changes for each button, refer to the pertinent Keyfinder for your settings.

	When the Operation Mode switch is ...		
	“NAVI”	“AUDIO”	“DVD”
Setting A	Keyfinder 1	Keyfinder 2	Keyfinder 2
Setting B	(P. 13-P. 16)	(P. 29-P. 31)	
Setting C	Keyfinder 1	Keyfinder 3	Keyfinder 2
Setting D		(P. 16-P. 17)	

NAVIGATION Operation (Keyfinder 1)



(1) Transmitter

Signals of the Remote Control are transmitted from here.

(2) NEXT/PREV control

You use the scale control to enlarge or reduce the displayed map. When you move the scale control downwards, the scale of the displayed map is enlarged and a more detailed map is displayed. Conversely, moving it upwards reduces the displayed map, and a wider area is displayed. In menus, when a list is longer than one screen, this control is used for indicating the next screen or previous screen.

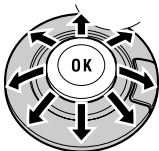
(3) Control stick and PLAY/PAUSE button (TALK button)

You use the TALK button to start voice recognition, allowing you to command the Navigation System by speech. When a voice command is given, you can cycle through possible matches by clicking down this button.

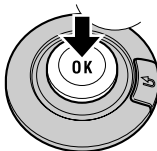
➤ With the "CD-SR80" Steering Remote Control (sold separately), you can press the BAND button and the F button to switch on the operation mode of the Steering Remote Control. When the operation mode is switched on, by pressing the BAND button of the Steering Remote Control, you can activate voice operation, which is equivalent of pressing the TALK button. "CD-SR90" and "CD-SR100" also can start voice operation, which is equivalent of pressing the TALK button. (For the details of the operation, see the Owner's manual of each steering remote control.)

(4) Joystick/OK button

Use the joystick to select items in the display and to scroll the map. The joystick is also the OK button; simply press it to select a location on the map or an option displayed on the screen.



Used as the joystick :
Directions of movements indicated by arrows are possible.



Used as the OK button :
Press straight down.

(5) BACK button

While using a menu, pressing this button cancels the present operation and returns you to the previously displayed menu or list.

(6) Operation mode switch

Changes the remote control's mode.

(7) VOL dial

When you turn the dial downwards, the volume decreases. Turning it upwards increases the volume.

- When the Dipswitch 4 is ON, the volume of the voice guidance of the Navigation System is adjusted.
- When the Dipswitch 4 is OFF, the volume of Pioneer Head Unit is adjusted. If the dial is pressed, the volume is reduced to around 1/10th of the volume (ATT function). When pressed again, the volume returns to its previous level.

(8) NAVI (MENU) button

You press this button to view the map or return to guidance. Also, when the map is scrolled, pressing this button returns to the display of the map of your surroundings.

(9) MENU (TOP MENU) button

Pressing this button displays a menu of options.

(10) ■ (DETOUR) button

Press this button to restart route calculation, such as calculating a detour. If this button is pressed for more than two seconds, you can see the information (passing roads and driving distance, and so on) of the route down which you are currently being guided.

(11) ◀|| (CANCEL ROUTE) button

Press this button to cancel the route guidance. When pressed for more than two seconds, the next via point is recognised as already being passed, and a new route calculation starts.

(12) ||▶ (GUIDE) button

Press this button if you want to hear the voice guidance again. If this button is pressed for more than two seconds, you can listen to traffic information on your route (where available).

(13) Numeric keypad

You use this pad for entering characters or numbers.

(14) AUDIO [•] button

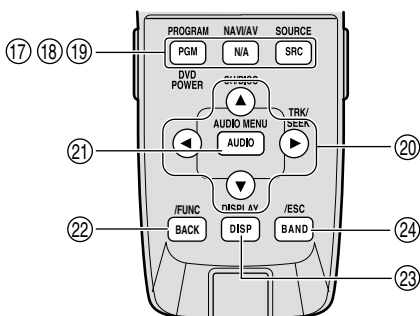
Not used.

(15) SUB.T (DELETE) button

Press to delete the character you just entered. If you press this button for more than two seconds, all the characters entered will be deleted.

(16) ANGLE (OK) button

This works in the same way as "OK" on the text palette.



(17) PGM (DVD POWER) button

Function is preset for each source as shown below. Sources not shown below do not feature this function. (Depending on the component, you can change the Preprogram. For details, refer to the Head Unit's instructions.)

Not effective with NAVIGATION built-in sources.

CD (one disc only),	PAUSE
Multi-CD player,	
DVD player (one disc only),	
Multi-DVD player :	
TUNER :	BSM (Press for 2 seconds or more)
TV :	BSSM (Press for 2 seconds or more)
External unit :	FUNC1

(18) NAVI/AV button

Switches the display to the desired indications. Use to switch between Navigation map displays and audio component displays.

(19) SRC (SOURCE) button

Switches between sources and switches power ON/OFF. (Depending on the connected units, operation may differ slightly. Refer to "Switching Sources" in the connected unit's instructions.)

(20) Cross Key ◀, ▶, ▲, ▼ button

Use to skip CD tracks, perform preset tuning with the tuner, and select items indicated in the display.

(21) A.MENU (AUDIO) button

Displays audio menus.

Setting C :	Not used.
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(22) BACK/FUNC button

Setting A :	Returns you to the previous display.
Settings B and D :	Display function menus.
Setting C :	Not used.

(23) DISP button

If, for example, you use this product with a Multi-CD player, when playing a CD TEXT disc you can enjoy display of the CD title and other information.

(24) BAND/ESC button

This functions as the BAND button when using each source. It also cancels the menu you are viewing, and returns you to the original display.

DVD Operation (Keyfinder 2)

This is described in Chapter 2 “Using Built-in DVD Player (AVIC-9DVDit only)”. See page 29.

AV Master Unit Operation (Keyfinder 3)

When the setting of dipswitch is Setting C or Setting D, if the Operation mode switch is set to “AUDIO”, the functions will be changed as below, and you can operate the AV master unit with the Remote Control.

(1) Transmitter

(Same procedure as Keyfinder 1)

(2) NEXT/PREV control

Use the NEXT/PREV control to move forwards or backwards one chapter of DVD-Video (or track). Use it also for switching the default setting screen.

(3) Control stick and PLAY/PAUSE button

If you push the control stick up, playback of DVD-Video starts. Push the control stick to the left during playback for fast reverse, and push to the right for fast forward. When the control stick is pushed, voice operation is activated. During voice operation, if you want to cancel voice operation, push the control stick down.

(4) Joystick/OK button

With the AVM-P9000R, AVM-P8000R:	This button is used for selecting or deciding items on a menu screen.
---	---

With the AVM-P7000R :	Not used.
------------------------------	-----------

(5) BACK (RETURN) button

With the AVM-P9000R, AVM-P8000R :	This button is used for exiting form Function Menu or Audio Menu of each source.
--	--

With the AVM-P7000R :	Not used.
------------------------------	-----------

(6) Operation mode switch

(Same procedure as Keyfinder 1)

(7) VOL dial

Enables AV master unit volume adjustment.

(8) MENU button

Not used.

(9) TOP MENU button

Display the AV master unit's main menu icon.

(10) ■ button

Each time you press the ■ button, the TA function switches ON/OFF.

(11) ◀|| button

Setting C :	Switches PTY Search Plate display ON/OFF.
--------------------	---

Setting D :	Switches to the PTY Search setting mode.
--------------------	--

(12) II► button

Not used.

(13) Numeric keypad

Use the 1-6 buttons for Preset tuning and Disc Number Search.

(14) AUDIO [•] button

Not used.

(15) SUB.T (DELETE) button

Not used.

(16) ANGLE (OK) button

Not used.

(17) PGM (DVD POWER) button

(Same procedure as Keyfinder 1)

(18) NAVI/AV button

(Same procedure as Keyfinder 1)

(19) SRC (SOURCE) button

(Same procedure as Keyfinder 1)

(20) Cross Key ◀, ▶, ▲, ▼ button

Use to skip CD tracks and to perform preset tuning with the tuner. (Except Navigation with built-in DVD player.)

(21) A.MENU (AUDIO) button

With the AVM-P9000R, AVM-P8000R : Not used.

With the AVM-P7000R : AUDIO MENU is displayed.

(22) BACK/FUNC button

With the AVM-P9000R, AVM-P8000R : Not used.

With the AVM-P7000R : FUNCTION MENU is displayed.

(23) DISP button

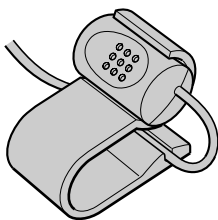
With the AVM-P9000R, AVM-P8000R : Switches to an Information Display. Pressing once more changes the Information Display.

With the AVM-P7000R : If, for example, you use this product with a Multi-CD player, when playing a CD TEXT disc you can enjoy display of the CD title and other information.

(24) BAND/ESC button

This functions as the BAND button when using each source.

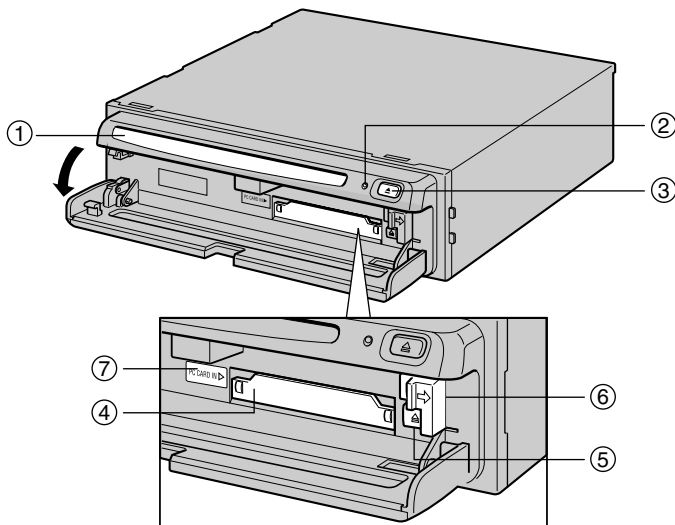
■Microphone



(1) Microphone

After pressing the TALK button to start voice operation, this microphone hears your commands.

■Main unit



(1) Disc loading slot

(2) Reset button

If the system malfunctions, reset it by pressing this recessed button with a ballpoint pen or similar pointed object. (See “Resetting the System” on page 49.)

(3) Disc eject button

(4) PC card slot

(5) PC card eject button

Remove the PC card by pressing this button.

(6) PC card lock lever

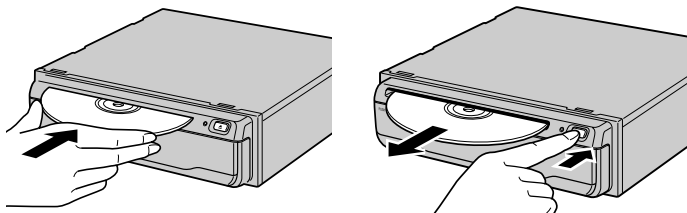
This lever is used when you remove the PC card.

(7) PC card lock lamp

The red light goes on when the PC card is inserted and a proper connection is made.

Setting and removing the disc

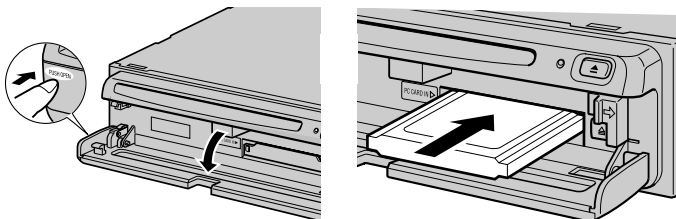
Insert the disc to the disc slot with the label-side up. To remove the disc, press the disc eject button on the right-hand side of the disc loading slot.



- ⤵ Do not try to use discs other than a disc designed for this system. Please use only the disc specified by Pioneer. (For playing the DVD-video Audio-CD, see Chapter 2 "Using Built-in DVD Player (AVIC-9DVDH only)" on page 21.)
- ⤵ Do not attempt to use discs that are cracked, scratched, bent, or otherwise damaged.
- ⤵ Treat your disc carefully. See "Handling and Care of the Disc" on page 47 for advice on proper handling and use.
- ⤵ After removing the disc from the slot, keep it in the case.

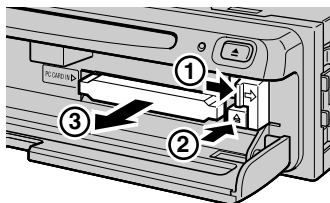
Setting the PC card

Open the cover at the front of the main unit. Hold the PC card label-side up: the arrow shows the direction of insertion. Insert the card firmly until the PC card eject button pops out. If the main unit power is on, the PC card lock lamp changes from green to red, showing that the PC card is inserted correctly and ready for use.



Removing the PC Card

Open the cover on the front of the main unit. Slide the PC card lock lever to the right (1), and hold it there. Check that the PC card lock lamp has changed to green, and then press the PC card eject button (2). (Keep holding the PC card lock lever to the right until the PC card is removed completely.)



Caution

Do not remove the PC card while the PC card lock lamp is red. It may damage the main unit of the Navigation System or the PC card.

- PC card can be set or removed regardless of the power ON/OFF of the main unit (ON/OFF of the engine).
- You can only use a card that conforms to the PCMCIA Type II (5V) standard. If you attempt to use a card complying with a different standard, the card slot may be damaged, or a malfunction may occur.
- Do not remove the card while editing the data on the PC card. You may damage the main unit of the navigation system, or corrupt the data stored on the PC card.

Using Built-in DVD Player (AVIC-9DVD_{II} only)

To Ensure Safe Driving



WARNING

- To avoid the risk of an accident and the potential violation of applicable laws, this product is not for use with a video screen that is visible to the driver.
- In some countries or states the viewing of images on a display inside a vehicle even by persons other than the driver may be illegal. Where such regulations apply, they must be obeyed.

This product detects whether your vehicle's handbrake is engaged or not, and prevents you from watching a DVD on the display connected to Video Output while driving.

The following message will be displayed on the screen while the vehicle is moving:

YOU CANNOT USE THIS FUNCTION WHILE DRIVING

When you park your vehicle in a safe place and apply the handbrake, the picture appears on the screen.

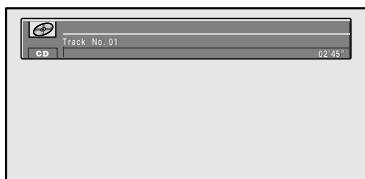
Before Using Built-in DVD Player

You can set DVD or CD into the Disc loading slot of the Navigation System and play it (AVIC-9DVDH only). Check the type of disc that can be played with this unit. Also, to play a disc, you must switch the operation mode of the Remote Control. Once the operation mode is switched, the function of each button changes (see page 26 and 29).

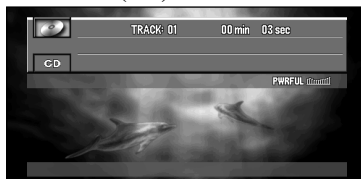
■ Difference of the source screen

Although the operation is almost the same when the Navigation System is used alone or when it is used in combination with Pioneer AV Head Unit (AVH-P6400CD, AVH-P6400R), the screen display will be slightly different.

When used alone (CD)



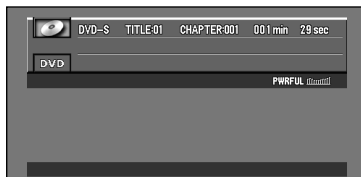
When combined with Pioneer AV Head Unit (CD)



When used alone (DVD)



When combined with Pioneer AV Head Unit (DVD)



When the Navigation System is combined with Pioneer AV Head Unit, the built-in DVD player can be switched by SOURCE button of the AV Head Unit as "NAVI SOURCE".

- ☞ If the dipswitches of the Remote Control and Operation mode switch are set incorrectly, the Navigation System will not be operated properly even when the buttons are pressed. If it does not operate properly, see "Selecting dipswitches" on page 9 and "About Operation mode switch" on page 12, and check whether the setting of the dipswitches is correct.

■ Compatible DVD, CD Formats

DVD and CD discs that display the logos shown below can be played back on this player. For more information on discs compatible with this player, refer to the table below.

Disc types and logos	Diameter/Playable sides	
DVD VIDEO  	DVD VIDEO	
	12 cm (5 in.)/single-sided	1 layer
		2 layer
	12 cm (5 in.)/double-sided	1 layer
		2 layer
	DVD VIDEO	
	8 cm (3 in.)/single-sided	1 layer
		2 layer
	8 cm (3 in.)/double-sided	1 layer
		2 layer
CD 	CD	
	12 cm (5 in.)/single-sided	
	CD single	
	8 cm (3 in.)/single-sided	

The disc format logos shown above are found on disc labels or on disc jackets.

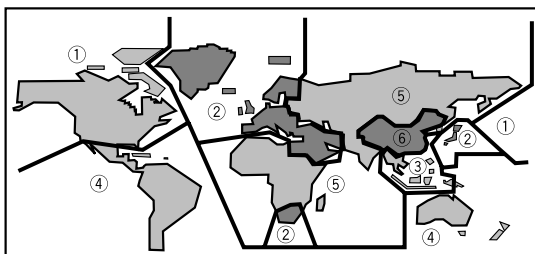
- ⌋ With some DVD-Video discs, you may not be able to use certain functions.
- ⌋ Playback of some DVD-Video discs may not be possible.
- ⌋ With DVD-R/DVD-RW discs, only recordings made in the Video format (Video mode) can be played back. DVD-RW discs recorded in the Video Recording format (VR mode) cannot be played back.
- ⌋ Even with DVD-R/DVD-RW discs featuring recordings made in the Video format (Video mode), playback may not be possible with this product due to disc characteristics or scratches or dirt on the disc. Dirt or condensation on the lens inside this product may also prevent playback.
- ⌋ Playback of CD-R/RW and DVD-R/RW discs that have not been finalized is not possible.
- ⌋ Playback of discs recorded with a PC using the correct format is possible, but depending on the application software settings, environment and other factors, playback may not be possible. (For details, inquire at the store or dealer's where you purchased the application software.)
- ⌋ Playback of CD-TEXT discs is possible, but display of titles and other information is not possible.
- ⌋ CD-Extra discs can be played back as music CDs.
- ⌋ With Super Audio CDs, playback of a hybrid disc's CD layer only is possible.



Caution

- **Playback of DVD-Audio and CD-ROM discs is not possible. This player can only play-back discs bearing the marks (see page 23).**
- **DVDs that have incompatible region numbers cannot be played on this player. The region number of the player can be found on the rear panel.**

The illustration below shows the regions and corresponding region numbers.



- Normal playback of CD-R/CD-RW discs other than those recorded with a music CD recorder may not be possible.
- Playback of music CD-R/CD-RW discs, even those recorded with a music CD recorder, may not be possible with this product due to disc characteristics or scratches or dirt on the disc. Dirt or condensation on the lens inside this product may also prevent playback.
- Titles and other text information recorded on CD-R/CD-RW discs can not be displayed by this unit.
- If you insert a CD-RW disc into this product, load time to playback will be longer than for a conventional CD or CD-R disc.
- Read the precautions accompanying the CD-R/CD-RW discs before use.

■ *What the Symbols on DVDs Indicate*

The marks below can be found on DVD disc labels and packages. They indicate the type of images and audio recorded on the disc, and the functions you can use.

Mark	Meaning
	Indicates the number of audio systems.
	Indicates the number of subtitle languages.
	Indicates the number of viewing angles.
	Indicates the picture size (aspect ratio; screen width-to-height ratio) type.
	Indicates the number of the region where playback is possible.

Disc Operation

With some DVDs, depending on the intentions of the disc's producer, certain operations may be prohibited. Also, with discs enabling menu operation and two-way operation during playback, the way titles and chapters are organized may prevent certain operations such as Repeat play.

If this happens with this player, the prohibition symbol “ $\emptyset$ ” is displayed.

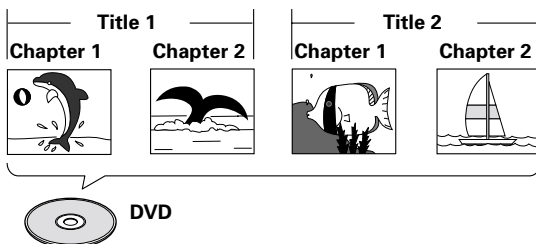
The prohibition symbols “” may not appear on some discs.

Disc Organization

DVD

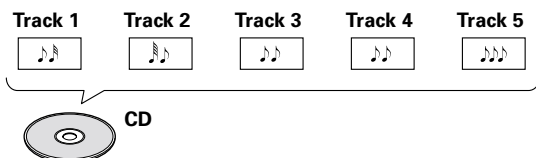
On DVD-Video discs, the contents are divided into titles which are in turn divided into chapters. With video material, a single work (movie etc.) usually corresponds to a single title, with different scenes corresponding to separate chapters. With karaoke discs, one song corresponds to one title.

However, some discs are not organized like this, so bear this in mind when using the Search function.



CD

On CDs, the contents are divided into tracks. One track usually corresponds to one song. On some discs, tracks may also feature an index.



Dolby Digital

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trade marks of Dolby Laboratories.



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Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Caution

On DVD-VIDEO, sound tends to be recorded at a lower volume (than in music CDs and suchlike) to produce a dynamic sound effect. After listening to a DVD-VIDEO disc, where sound is recorded at a lower volume, turn the volume down before listening to another type of disc, otherwise it will be too loud.

How to Listen to a CD with Built-in DVD Player (AVIC-9DVDII only)

In case of AVIC-8DVDII, you cannot play CD with the Navigation System.

If you insert a CD into this unit, the CD is automatically played. You can select a track, or turn Repeat range, Random play or Scan play ON/OFF.

Before listening to a CD

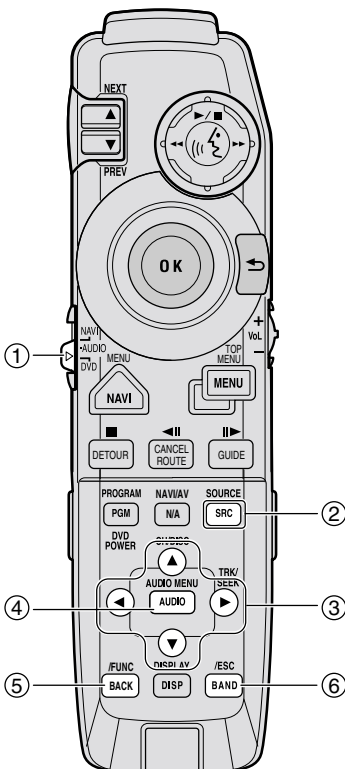
In order to avoid damaging a disc or the main unit, before inserting a disc, make sure that no disc is set in the Disc loading slot.

➡ For inserting and removing a disc, see Chapter 1 "Setting and removing the disc".

How to use the Remote Control

When operating the Pioneer DVD player connected to the AV Head Unit, see Chapter 6 of the Operation Manual, "How to use the Remote Control".

When playing a CD, you must switch the operation mode of the Remote Control. Once the operation mode is switched to DVD, the following operations become available with the Remote Control.



(1) Operation mode switch

When you play DVD-Video or CD, set this switch to DVD.

(2) SOURCE button

This button is used to turn "NAVI Source" ON/OFF. When CD is played, the playback is stopped. If you press again, play is resumed from the section where you stopped previously.

(3) Cross Key ◀, ▶, ▲, ▼ button

These are used when selecting items such as skipping a track of a CD, return to a previous track, fast-forward or fast-rewind.

(4) A.MENU (AUDIO) button

CD Function menu is shown while CD is playing.

(5) BACK/FUNC button

This button is used for returning to a previous screen in the CD Function menu.

(6) BAND/ESC button

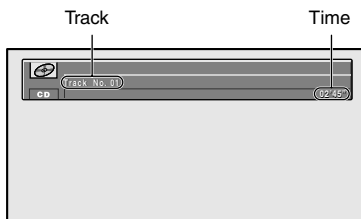
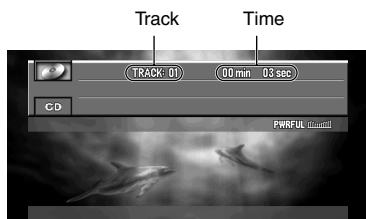
This button is used when returning to the CD play screen from the CD Function menu.

■ Basic method of listening to CD

1 Insert the CD with its title side facing upwards.

The disc starts playing.

- If the disc playback does not start, press the SOURCE button to switch the source to NAVI.



2 Press ◀ or ▶ to select the desired track.

To move to the next track, press ▶ once.

To move to the beginning of the track, press ◀ once. Pressing again will skip to the previous track.

- To fast-forward or fast-rewind, keep pressing ◀ or ▶.

3 Press the disc eject button, and remove the CD.

Play is cancelled and the CD is ejected from the disc loading slot. You can also stop the playback by turning NAVI Source OFF by pressing the SOURCE button.

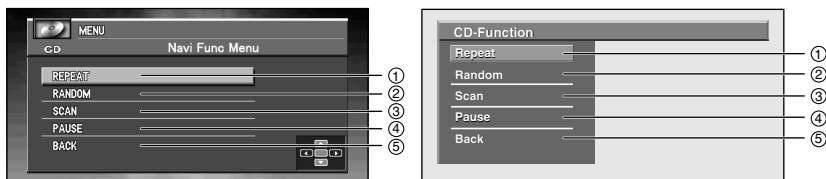
■ Basic of CD-Function

On the CD Function screen, you can perform Repeat Play, Random Play, Scan Play, and Pause operation.

- 1 Press the **A.MENU (AUDIO)** button while CD is playing.
CD Function menu appears.
- 2 Press **▲** or **▼** to select the option you desire, and press the **A.MENU (AUDIO)** button.
- 3 Press **▲** or **▼** to turn “ON” or “OFF”.
- 4 Press the **BAND/ESC** button to finish the setting.

Normal CD play screen appears.

- ➡ If you want to operate a different item, press the **BACK/FUNC** button to return to the CD Function menu.



① Repeat the same track

You can listen to the music you are currently playing repeatedly. (Repeat play)

② Listening to the music in a different order

You can listen to the CD you are currently playing in a different order. (Random play)

③ Search for the track you want to listen to

You can listen to the first 10 seconds of each track. (Scan play)

- ➡ If the track you want to listen to is played, press **▼** to turn it “OFF”.
- ➡ On returning to the track where Scan play started, Scan play is cancelled automatically.

④ Pausing playback

You can pause playback of CD. (Pause)

⑤ Finish the setting

Normal CD play screen appears.

- ➡ If you do not operate the function within about 30 seconds on the CD Function screen, normal CD play screen appears.

How to Watch DVD with Built-in DVD Player (AVIC-9DVD Π only)

In case of AVIC-8DVD Π , you cannot play DVD with the Navigation System.

You can fast-forward, fast-rewind, advance one frame at a time, play in slow motion, or freeze frame the display. Also, you can check the details of operation while playing the DVD, using the DVD information screen. In the DVD information screen, you can select the chapter, the language, the subtitles, or the angle.

Before watching DVD

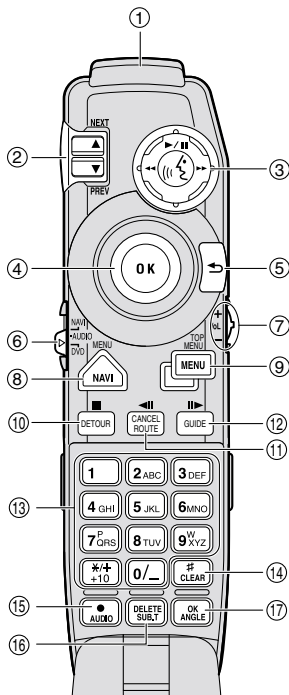
In order to avoid damaging a disc or the main unit, before inserting a disc, make sure that no disc is set in the Disc loading slot.

➤ For inserting and removing a disc, see Chapter 1 "Setting and removing the disc".

How to use the Remote Control

When operating the Pioneer DVD player connected to the AV Head Unit, see Chapter 6 of the Operation Manual, "How to use the Remote Control".

When playing a DVD, you must switch the operation mode of the Remote Control. Once the operation mode is switched to DVD, the following operations become available with the Remote Control.



(1) Transmitter

Signals of the Remote Control are transmitted from here.

(2) NEXT/PREV control

Use the NEXT/PREV control to move forwards or backwards one chapter. Use it also for switching the default setting screen.

(3) Control stick and PLAY/PAUSE button (TALK button)

If you push the control stick up, playback starts. Push the control stick to the left during playback for fast reverse, and push to the right for fast forward. When the control stick is pushed, voice operation is activated. During voice operation, if you want to cancel voice operation, push the control stick down.

(4) Joystick/OK button

Use this for selecting items on a menu screen or to confirm a selection.

(5) BACK button

Use this button to move back to a previous screen in a default setting screen.

(6) Operation mode switch

Changes the remote control's mode.

(7) VOL dial

The volume of Pioneer Head Unit is adjusted. If the dial is pressed, the volume is reduced to around 1/10th of the volume (ATT function). When pressed again, the volume returns to its previous level.

(8) MENU button

When the DVD is played, the route menu stored on the DVD is shown. When the DVD is stopped, the default setting screen appears.

(9) TOP MENU button

The main menu stored in DVD is displayed.

(10) ■ (STOP) button

This is used to stop playing.

(11) ◀|| (CANCEL ROUTE) button

Not used.

(12) ||▶ (GUIDE) button

During DVD-video playback, press this for frame-by-frame ahead.

(13) Numeric keypad

Use this keypad for entering numbers such as chapter numbers.

(14) CLEAR button

This is used when canceling numbers entered such as chapter numbers.

(15) AUDIO [•] button

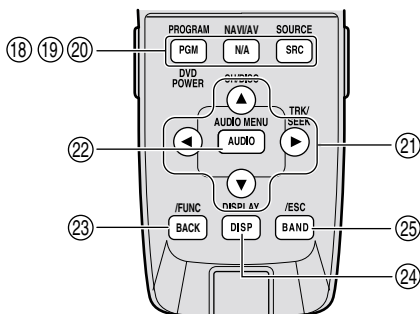
This button is used to select the sound track.

(16) SUB.T (DELETE) button

This button is used for switching the subtitles on or off.

(17) ANGLE (OK) button

This button is used for changing the angle.



(18) PGM (DVD POWER) button

Playback is paused.

Power of the Pioneer vehicle DVD player other than the Navigation System is turned ON/OFF.

(19) NAVI/AV button

Switches the display to the desired indications. Use to switch between Navigation map displays and audio component displays.

(20) SOURCE button

For the built-in DVD, the source is turned OFF.

(21) Cross Key ◀, ▶, ▲, ▼ button

This button is used when playing CD.

(22) A.MENU (AUDIO) button

Display audio menus. You can display the CD Function menu only when the Operation mode switch is set to “DVD” and you are using the Navigation unit’s built-in DVD player.

(23) BACK/FUNC button

Setting A : Returns you to the previous display.

Setting B and D : Display function menus. *1

Setting C : Not used. *1

*1 Return you to the previous indications in the CD Function menu only when the Operation mode switch is set to “DVD” and you are using the Navigation unit’s built-in DVD player.

(24) DISP button

Display an Information Display. Press once more to change the Information Display.

(25) BAND/ESC button

It also cancels the menu you are viewing, and returns you to the original display. Only when the operation mode switch is set to “DVD”, and the built-in DVD player is used, if you press this button in the CD Function menu, normal audio screen appears.

■ Basic method of watching DVD

About Prohibition Symbol

.....
In some cases, a Prohibition Symbol “⊘” may appear while playing DVD or when play is stopped, and you may not be able to operate the DVD. This is due to some specifications of the DVD-Disc. Operations that are possible or impossible may vary according to various conditions such as the contents of the DVD and particular sections to play. (For detailed method of operation, see the instruction manual attached to the DVD-Disc.)

1 Insert the DVD with its title side facing upwards.

The disc starts playing.

➤ If DVD disc is already inserted, push the control stick up.

➤ If the playback of the disc does not start, press the SOURCE button to switch the source to NAVI.

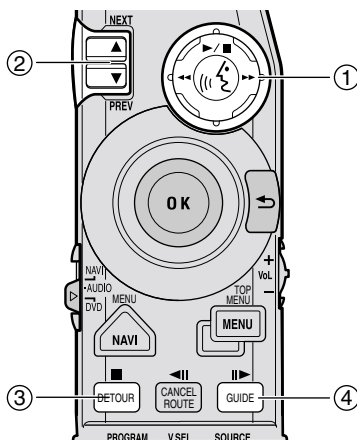
2 Press the disc eject button and remove the DVD.

Play is cancelled and DVD is ejected from the disc loading slot.

If playing again, push the control stick up.

Caution during play

- When the disc already inserted in this unit is played, it starts from the place where you stopped previously. In the case of a DVD with the main menu stored, the main menu may appear when playing starts.
- Normally, the subtitle language or audio language set in the default setting is used. However, if the language for subtitles or sound track is changed during play, the language selected previously is used.
- Some discs may always play with the language specified by DVD regardless of the default setting.
- The image is not shown while the vehicle is being driven. Only the sound track is played.
- When the message “Please press “V.SEL” button on the monitor.” appears, press the V.SEL button on the Pioneer display and change the type of image.
- If “Please insert appropriate disc” is indicated, press the NAVI/AV button on the Remote Control of the Navigation System and switch the screen.



① Starting playback/fast-forward/fast-rewind

Push up : playback (if pushed up during playback, the playback is paused.)

Push to the right : fast-forward

Push to the left : fast-rewind

- ☞ You cannot hear the sound track during freeze-frame.
- ☞ In case of a fast-rewind or fast-forward, if you keep pushing the control stick for a certain period of time, ◀◀ or ▶▶ mark appears on the screen, and fast-rewind or fast-forward is continued even if you release the control stick. When you come to the section you want to play, push the control stick down.
- ☞ Depending on the disc, only fast-forward and fast-rewind may be possible in some sections. If you fast-forward or fast-rewind up to that section, the disc is automatically switched to play.

② Move the chapter forward/backward

Moving to next chapter

Move the NEXT/PREV control to NEXT side once, while playing.

Moving back to the previous chapter

Move the NEXT/PREV control to PREV side once, while playing.

- ⌚ When moving back to the previous chapter, move the NEXT/PREV control to PREV side twice.

③ Stop playing

- ⌚ The section where the play is stopped is memorized. When you play the disc next time, play will be resumed from there.
- ⌚ Depending on discs or some sections you are playing, the prohibition symbol may appear and you may not be able to stop playing.

④ Moving one frame at a time/slow playback

- ⌚ If you press the **II▶** button for more than one second, slow playback starts.
- ⌚ When returning to normal playback, push the control stick up.
- ⌚ While playing with one frame at a time, or slow playback, you cannot hear the sound.
- ⌚ Depending on DVD, image might be blurred during a play with one frame at a time or slow playback.

■ Operation of menu

You can call the main menu or route menu stored in the DVD. In the main menu, you can select titles, or set the sound track or subtitles. In the route menu, you can select chapters.

About main menu / route menu

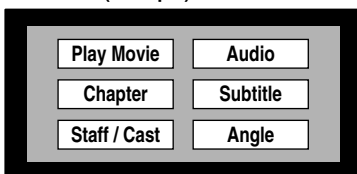
- The main menu/route menu may not be stored in some DVDs.
- The items in main menu/route menu displayed or their operation method may vary according to the DVD. For details, see the DVD's instructions.
- If the menu that is possible to display is not stored in a DVD, the Prohibition symbol "⊘" appears.

1 Press the TOP MENU button or MENU button during playing.

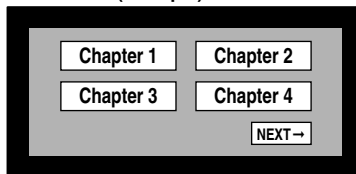
The main menu or route menu stored in DVD appears.

- When the TOP MENU button is pressed, the main menu appears.
- When the MENU button is pressed, the route menu appears.

Main menu (example)



Route menu (example)



- ⌚ If you press the MENU button again while displaying a new screen, a playback starts from the section just before the menu was indicated.

2 Move the joystick to select the item, and click the OK button.

You can operate the selected item.

■ **Specifying a title or a chapter**

You can specify a title or a chapter by using the numeric keypad. (Direct search)

Selecting a title

1 Press the title number you want to watch with the numeric keypad while playing is stopped.

- To select 3, press 3.
- To select 11, press +10, then 1.
- To select 23, press +10, then +10, then 3.

The specified title is played and the title number appears for about eight seconds.

Selecting a chapter

1 Press the chapter number you want to watch with the numeric keypad while playing.

- To select 3, press 3.
- To select 11, press +10, then 1.
- To select 23, press +10, then +10, then 3.

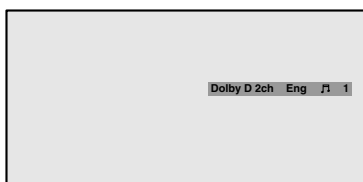
The specified chapter is played, and the chapter number appears for about eight seconds.

■ **Selecting a sound track type, subtitles or camera angles**

If several types for sound track, subtitles or camera angles are stored in a DVD, you can switch these options while playing the DVD.

Switching sound track types during playback

1 Press the AUDIO [•] button while playing.



Dolby D 2ch Eng J1 1

Sound track selection palette

Sound track selection palette and the sound track type currently selected appear.

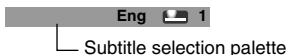
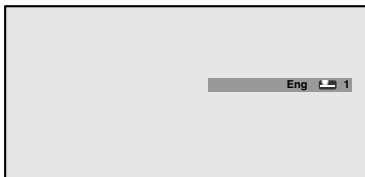
2 While the sound track selection palette is shown, press the AUDIO [•] button.

As you press the AUDIO [•] button, sound track type is switched over.

- If a DVD does not have several sound track types stored, you cannot switch the sound track.
- Depending on DVD, you may be able to switch sound track types only from the menu screen.
- If you do not press any buttons or enter any keys for about eight seconds, the sound track selection palette disappears. To select sound track types, press the AUDIO [•] button again.
- You can also change the sound track type by moving the joystick up or down, or by pressing the numeric keypad while the sound track selection palette is shown.
- The sound track selected here will be memorized in this unit until the disc is ejected. When playing next time, the play resumes with the sound track selected previously.
- For details of sound track type stored in DVD, see the instruction manual of the DVD disc.

Switching language for subtitles during playback

1 Press the SUB.T button while playing.



Subtitle selection palette and the language currently selected appear.

2 While the subtitle selection palette is displayed, press the SUB.T button.

As you press the SUB.T button, subtitle is switched over.

- ⌚ If a DVD does not have several subtitles stored, you cannot switch the subtitles.
- ⌚ Depending on the DVD, you may be able to change subtitles only from the menu screen.
- ⌚ If you do not press any buttons or enter any keys for about eight seconds, the subtitle selection palette disappears. To select subtitles, press the SUB.T button again.
- ⌚ You can also change the subtitle by moving the joystick up or down, or by pressing the numeric keypad while the subtitle selection palette is shown.
- ⌚ The language for subtitle selected here will be memorized in this unit until the disc is ejected. When playing next time, the play resumes with the subtitle selected previously.

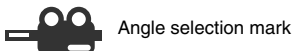
Switching camera angles during playback

Depending on the DVD, some may have images filmed from several angles in one scene. While playing DVD, you can change the angle of the image.

Section where you can change the angle

At a section where the angle can be changed, the angle selection mark appears on the bottom-right of the screen.

1 Press the ANGLE button while playing the section that is filmed from several angles.



Angle selection mark and the current angle number are indicated.

2 While the angle selection mark is shown, press the ANGLE button.

As you press the ANGLE button, the angle is switched over.

- ⌚ If a DVD does not have several angles filmed in one scene, you cannot switch angles.
- ⌚ You cannot change the angle while playing slowly.
- ⌚ If you do not press any buttons or enter any keys for about eight seconds, angle selection mark disappears. When changing angles, press the ANGLE button again.
- ⌚ You can also change the angle by moving the joystick up or down, or by pressing the numeric keypad while the angle selection mark is shown.
- ⌚ You can switch the display of angle selection mark ON or OFF (see "Setting the display of the angle selection mark" on page 43).

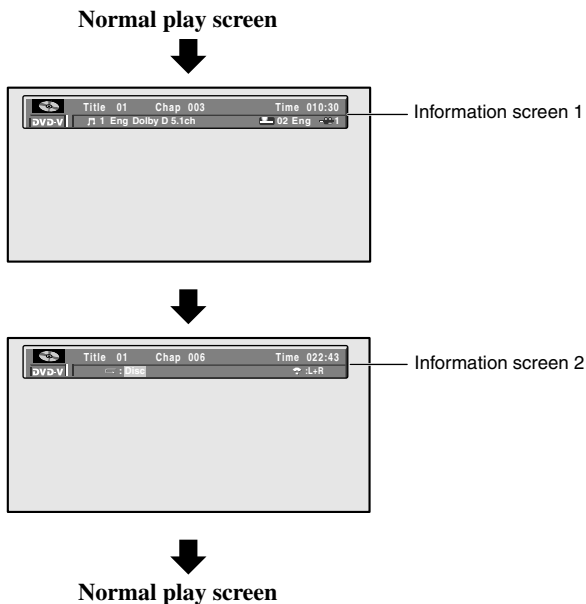
■ **To Operate While Checking on the Screen**

While playing DVD, playing condition can be shown on the screen (Information screen). On the information screen, you can operate the disc while checking the details on the screen. You can select chapters, sound tracks, subtitles, or angles.

Calling information screen

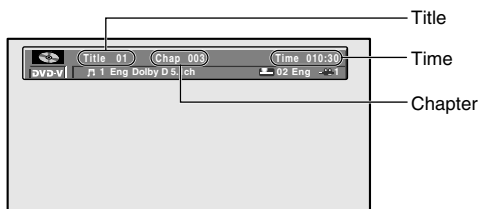
1 Press the DISP button during playback.

Each time you press the DISP button, the screen is switched as follows:



Specifying title or chapter, or playing from a specified time (Information screen 1)

- 1 Move the joystick to the left or right to select the item you want.



The selected item is highlighted.

- 2 Move the joystick up or down and change the number.

⤷ If you want to cancel the number you entered, press the CLEAR button.

When specifying the time

- If you want to select 21 minutes 43 seconds, press 0, 2, 1, 4, and 3.
- If you want to select 1 hour 11 minutes, convert it to minutes (71 minutes), and press 0, 7, 1, 0, and 0.

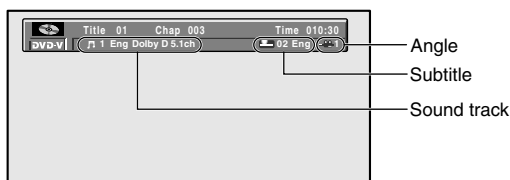
- 3 Click the OK button.

It is played from specified title, chapter, or the time.

⤷ If you do not press any buttons or enter any keys for about eight seconds, the number entered returns to the one currently playing.

Changing sound track, subtitle, or angle (Information screen 1)

- 1 Move the joystick to the left or right to select the item you want.



The selected item is highlighted.

⤷ You can also select by pressing the AUDIO [•] button, SUB.T button, or ANGLE button.

2 Move the joystick up or down and change the setting.

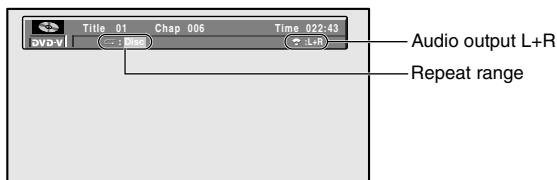
As you move the joystick up or down, the setting changes.

You can also change the setting by using the numeric keypad. (In case, when the number exist.)

- The number of items you can select will vary according to the number of sound tracks, subtitles, or angles stored in the DVD.
- You cannot change the sound track on a DVD that does not store several sound tracks.
- You cannot change the subtitles on a DVD that does not store several subtitles.
- Depending on the DVD, you may be able to change subtitles or sound tracks only from the menu screen.
- You cannot change the angle while playing in slow motion.
- If you left the DVD inserted, the sound track (language) and subtitle (language) already selected is memorized in this unit. When you play it next time, it plays with the sound track (language) and subtitle (language) selected previously.

Changing repeat range, or audio output L+R (Information screen 2)

1 Move the joystick to the left or right and select the item you want to operate.

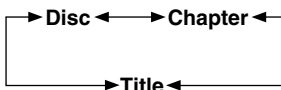


The selected item is highlighted.

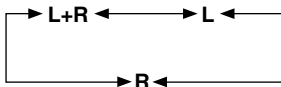
2 Move the joystick up or down and change the setting.

As you move the joystick up or down, the setting changes as follows:

Repeat range



Audio output L+R



Adjusting Settings

You can change default settings of DVD such as sound track, subtitle, menu language, or setting of viewing restrictions. Normally, the DVD is played with the contents set in the default setting screen.

■ Basic Operation of the default setting screen

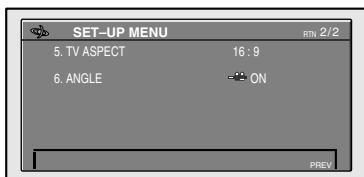
- 1 Press the **■** button while playing.
The disc stops playing.
- 2 Press the **MENU** button for one second.



The SET-UP MENU appears.

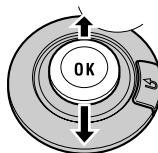
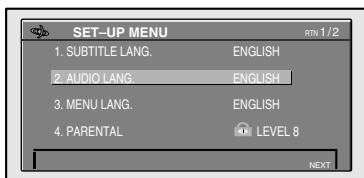
- 3 To show the next page, highlight the “NEXT” on the right corner of display, and click the OK button.

You can also indicate the next page by reversing “NEXT” and click the OK button.



The SET-UP MENU changes.

- 4 Move the joystick up or down to select the desired item, and click the OK button.
If you return to the previous screen, highlight the “PREV” and click the OK button, or press the BACK button.



- 5 Operating the desired item.

- If you press the MENU button in the SET-UP MENU, the SET-UP MENU disappears and the Stop condition returns.
- To go back to SET-UP MENU
When setting each item, the screen switches accordingly. If you want to continue to set other items or re-set a particular item, press the BACK button to return to SET-UP MENU. Select "RTN" and click the OK button to return to the previous screen.

Items User can Change

In this section, the contents you can set is introduced. The contents with an asterisk (*) mark indicates the default setting.

■Setting the subtitle

If you select “SUBTITLE LANG.”, you can operate three items.

LANGUAGE

This setting controls ON/OFF of subtitle indication.

ON* : Subtitle is displayed.

OFF : Subtitle is not displayed.

ASSIST

The assist subtitle is a subtitle explaining the scenes for the people with hearing problems. You can display this if an assist subtitle is stored in DVD.

ON* : Assist subtitle is displayed.

OFF : Assist subtitle is not displayed.

LANGUAGE SELECT

The subtitle is displayed with the language set here. If you change the subtitle (language) while playing, the language selected previously will be displayed.

JAPANESE, ENGLISH, Subtitle is set to the selected language.
FRENCH, SPANISH,
GERMAN, ITALIAN,
CHINESE

OTHERS Subtitle is set by entering the language code.

- If the selected language is not stored in the disc, the language of the subtitle specified by DVD is shown.
- If a specific language is preset on the DVD, the language specified by the DVD will be displayed regardless of any settings you make.
- If you remove the DVD and insert it again, the subtitle will be displayed in the default language.
- If you select “OTHERS”, the “SUBTITLE LANG. OTHERS” screen appears. Enter a four-digit number as described in the language code list (see page 44) with the numeric keypad, and click the OK button. If you press the CLEAR button, the code number of the language currently being set appears.

■ Setting the audio language

The audio is played in the language you set. If you change the audio (language) while playing, the language selected previously will be played.

AUDIO LANG.

JAPANESE, ENGLISH, Audio is set to the selected language.

FRENCH, SPANISH,

GERMAN, ITALIAN,

CHINESE

OTHERS

Audio is set by entering the language code.

- ⤵ If the selected language is not stored in the disc, the language of the audio specified by the DVD is shown.
- ⤵ If a specific language for the sound track is preset on the DVD, the DVD is played in the preset language regardless of any settings you make.
- ⤵ If you remove the DVD and insert it again, the sound track will be played in the default language.
- ⤵ If you select "OTHERS", the "AUDIO LANG. OTHERS" screen appears. Using the numeric keypad, enter a four-digit code number listed in the language code list (see page 44) and click the OK button. If you press the CLEAR button, the code number of the language currently set appears.

■ Setting the menu language

MENU LANG.

JAPANESE, ENGLISH, Menu language is set to the selected language.

FRENCH, SPANISH,

GERMAN, ITALIAN,

CHINESE

OTHERS

Menu language is set by entering the language code.

- ⤵ If the selected language is not stored in the disc, the language of the menu specified by the DVD is shown.
- ⤵ If a specific language for the menu is preset on the DVD, the menu is displayed with the preset language specified by DVD regardless of your settings.
- ⤵ When selecting "OTHERS", the "MENU LANG. OTHERS" screen appears. Using the numeric keypad, enter a four-digit code number listed in the language code list (see page 44) with and click the OK button. If you press the CLEAR button, the code number currently set appears.

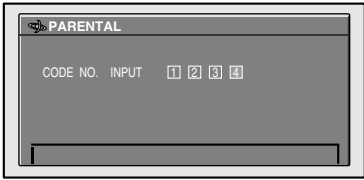
■Setting viewing restriction

You can restrict viewing of any scenes or DVD you do not want your children to watch, such as adult or violent scenes. Viewing restrictions can be set in different levels.

About viewing restrictions

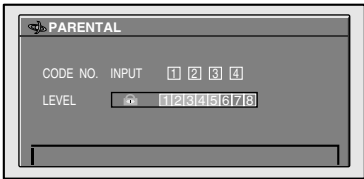
- Write your password down and keep it in a safe place in case you forget it.
- Depending on the DVD, the level of viewing restriction being set may be different. Check the packaging of DVD software. Also, you cannot set viewing restrictions on a DVD that does not have a viewing restriction setting.
- Depending on the DVD, the scenes with viewing restrictions may be skipped while playing. For details, see the instructions of the DVD disc.
- If you try to play a restricted DVD, the password prompt screen may appear. In this case, play will not start unless the correct password is entered.

- 1 Select “PARENTAL” and click the OK button.
- 2 Enter the four-digit password using the numeric keypad, and click the OK button.



- 3 Move the joystick left or right to select the level you want to set, and click the OK button.

LEVEL	Description
LEVEL8	All DVDs can be played (default setting).
LEVEL2-7	Playing a DVD that contains adult or violent scenes is restricted. (A DVD for universal viewing or for children is played.)
LEVEL1	Only the DVD for children is played.



The viewing restriction is set.

- When you want to change the viewing restriction level, perform the same operation.
- While changing the setting, if the wrong password is entered in Step 2, a prohibition symbol appears. If this happens, enter the correct password.
- If you forget the password, press the CLEAR button ten times. Then you can set a new password.

■ **Setting aspect ratio of the screen**

There are two types of displays: wide screen with an aspect ratio of 16:9 and normal screen with an aspect ratio of 4:3. Set the aspect ratio according to the display you use.

TV ASPECT

16:9* :	Select when using a wide display (default setting).
LETTER BOX :	Select when using a normal display. If the image stored in the DVD is 16:9, the screen becomes smaller with black bands appearing on the top and bottom part of the display, but without left and right sides being cut off.
PANSCAN :	Select when a normal display is used. When the image stored in the DVD is 16:9, the left and right sides will be cut off, but the image will be displayed on the whole screen.

- ⇒ If you use a normal display and set to "16:9", the image may become unnatural.
- ⇒ When you play a DVD that is not compatible with "PANSCAN", it is played in "LETTER BOX" aspect even when "PANSCAN" is set.
- ⇒ Some DVDs may not be able to change the TV ASPECT. For details, see the instruction of the DVD disc.

■ **Setting the display of the angle selection mark**

While playing a section where the angle can be changed, the angle selection mark appears. You can also turn the display of the angle selection mark ON or OFF.

ANGLE

This setting turns ON/OFF the display of angle selection mark.

ON* : Angle selection mark is displayed.

OFF : Angle selection mark is not displayed.

Language code list

Language (code)	Input code
Japanese (ja)	1001
English (en)	0514
French (fr)	0618
Spanish (es)	0519
German (de)	0405
Italian (it)	0920
Chinese (zh)	2608
Dutch (nl)	1412
Portuguese (pt)	1620
Swedish (sv)	1922
Russian (ru)	1821
Korean (ko)	1115
Greek (el)	0512
Afar (aa)	0101
Abkhazian (ab)	0102
Afrikaans (af)	0106
Amharic (am)	0113
Arabic (ar)	0118
Assamese (as)	0119
Aymara (ay)	0125
Azerbaijani (az)	0126
Bashkir (ba)	0201
Byelorussian (be)	0205
Bulgarian (bg)	0207
Bihari (bh)	0208
Bislama (bi)	0209
Bengali (bn)	0214
Tibetan (bo)	0215
Breton (br)	0218
Catalan (ca)	0301
Corsican (co)	0315
Czech (cs)	0319
Welsh (cy)	0325
Danish (da)	0401
Bhutani (dz)	0426
Esperanto (eo)	0515
Estonian (et)	0520
Basque (eu)	0521
Persian (fa)	0601
Finnish (fi)	0609
Fiji (fj)	0610
Faroese (fo)	0615
Frisian (fy)	0625
Irish (ga)	0701
Scots-Gaelic (gd)	0704
Galician (gl)	0712
Guarani (gn)	0714
Gujarati (gu)	0721

Language (code)	Input code
Hausa (ha)	0801
Hindi (hi)	0809
Croatian (hr)	0818
Hungarian (hu)	0821
Armenian (hy)	0825
Interlingua (ia)	0901
Interlingue (ie)	0905
Inupiak (ik)	0911
Indonesian (in)	0914
Icelandic (is)	0919
Hebrew (iw)	0923
Yiddish (ji)	1009
Javanese (jw)	1023
Georgian (ka)	1101
Kazakh (kk)	1111
Greenlandic (kl)	1112
Cambodian (km)	1113
Kannada (kn)	1114
Kashmiri (ks)	1119
Kurdish (ku)	1121
Kirghiz (ky)	1125
Latin (la)	1201
Lingala (ln)	1214
Laothian (lo)	1215
Lithuanian (lt)	1220
Latvian (lv)	1222
Malagasy (mg)	1307
Maori (mi)	1309
Macedonian (mk)	1311
Malayalam (ml)	1312
Mongolian (mn)	1314
Moldavian (mo)	1315
Marathi (mr)	1318
Malay (ms)	1319
Maltese (mt)	1320
Burmese (my)	1325
Nauru (na)	1401
Nepali (ne)	1405
Norwegian (no)	1415
Occitan (oc)	1503
Oromo (om)	1513
Oriya (or)	1518
Panjabi (pa)	1601
Polish (pl)	1612
Pashto, Pushto (ps)	1619
Quechua (qu)	1721
Rhaeto-Romance (rm)	1813
Kirundi (rn)	1814

Language (code)	Input code
Romanian (ro)	1815
Kinyarwanda (rw)	1823
Sanskrit (sa)	1901
Sindhi (sd)	1904
Sangho (sg)	1907
Serbo-Croatian (sh)	1908
Sinhalese (si)	1909
Slovak (sk)	1911
Slovenian (sl)	1912
Samoan (sm)	1913
Shona (sn)	1914
Somali (so)	1915
Albanian (sq)	1917
Serbian (sr)	1918
Siswati (ss)	1919
Sesotho (st)	1920
Sundanese (su)	1921
Swahili (sw)	1923
Tamil (ta)	2001
Telugu (te)	2005
Tajik (tg)	2007
Thai (th)	2008
Tigrinya (ti)	2009
Turkmen (tk)	2011
Tagalog (tl)	2012
Setswana (tn)	2014
Tonga (to)	2015
Turkish (tr)	2018
Tsonga (ts)	2019
Tatar (tt)	2020
Twi (tw)	2023
Ukrainian (uk)	2111
Urdu (ur)	2118
Uzbek (uz)	2126
Vietnamese (vi)	2209
Volapük (vo)	2215
Wolof (wo)	2315
Xhosa (xh)	2408
Yoruba (yo)	2515
Zulu (zu)	2621

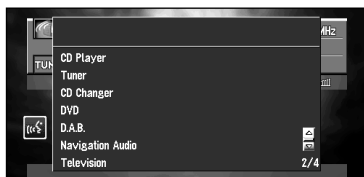
Operating by Voice

If you push the control stick, voice operation is activated, and then CD/DVD can be operated by voice. Here, an example of voice operation and the command speak are described. For details of voice operation, see Chapter 7 of the Operation Manual.

■ Available voice commands

When your vehicle is parked with the handbrake on, press the control stick to display a list of available voice commands (Voice Help menu). Display of the Voice Help menu can be turned on/off with “Voice Recognition Help” in the Settings menu.

When you speak one of the commands in the list; the command is carried out. If the voice help cannot be displayed within one screen, use the scale controller to display the rest.



When voice command is possible



When voice command is not accepted

To cancel voice operation

You can cancel voice operation at any time by pushing the control stick down.

■ An example of voice operation

When using the voice command, it is important to get the timing correct. Before speaking, you must first wait for the “Please make your request” message. This is followed by a Beep tone to indicate it is now your turn to speak. Here, the procedure of setting Repeat Play is described as an example.

1 Press the control stick.

A list of commands for voice operation appears. After the “Please make your request” message, the beep indicates that the system is ready to accept your voice command. You say a command after this beep.

- If no command is made in the next 6 seconds, voice recognition is cancelled and the Navigation System is on hold until the next operation. Press the control stick to reactivate voice operation.
- If you want to listen to the message of the Navigation System, say “Repeat”.
- If you want to return to the previous screen, say “Back”.

2 Say “Repeat Play”.

Speak all commands towards the microphone. If the voice command is recognised, the command appears on the screen, and the system voice repeats it. Then, a message to prompt the next operation is given.
Repeat Play is set.

■ **Commands related to audio that you can speak**

Common to each source

CD Player, Tuner, CD Changer, DVD, D.A.B., Navigation Audio, Television, Video In, Auxiliary, Source On, Source Off, Display Navi, Display AV, Back, Repeat

For TUNER source

Preset Station 1-6, Start BSM, Next Page, Previous Page

For CD source

CD Track 1-20, Repeat Play, Random Play, Next Page, Previous Page

For Multi-CD (M-CD) source

CD Track 1-20, Random Play, Disc 1-12, ITS Play, Next Page, Previous Page

For DAB source

Preset Station 1-6

For TV source

Preset Station 1-12, Start BSSM, Next Page, Previous Page

For DVD (M-DVD) source

Random Play, Disc 1-6, ITS Play, Next Page, Previous Page

For NAVI source

CD Track 1-20, Repeat Play, Random Play, Next Page, Previous Page

- Some commands may be cancelled according to the condition of audio unit being combined.

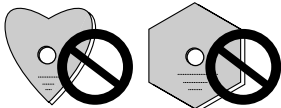
Appendix

Handling and Care of the Disc

Some basic precautions are necessary when handling your discs.

Discs you can use

- Use the disc provided for use with this unit. In case of AVIC-9DVDII, playback of DVD Video and CD is possible. (See “Compatible DVD, CD Formats” on page 23 for details.)
- Do not try to use a disc that is cracked, scratched or bent.
- This product is designed for use with conventional, fully circular discs only. Use of shaped discs is not recommended for this product.

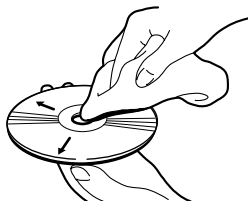


Precautions for handling

- Do not touch the playing surface of a disc. Hold the disc carefully by its outer edge or by the hole in the centre.
- Do not attach sticky tape or suchlike to the surfaces of a disc. Avoid scratching the disc, or damaging it in any way.

About cleaning

- Keep your disc clean and free of dust. If you need to clean a disc, use a soft, lint-free cloth to wipe the surface from the centre outward, as shown.



- Never apply solvents to your disc, such as benzene, thinner, commercial cleaners, or anti-static fluids intended for vinyl records.

Precautions for storage

- Keep your disc away from direct sunlight, sources of heat, and sources of dust. Store the disc in its protective case to provide greater protection against warping.

Ambient conditions for playing disc

Ambient conditions can affect the behaviour of discs and the operation of the system.

- Vibrations caused by driving may sometimes interrupt the reading of data from the disc, causing slow screen changes.
- In cold weather, condensation may form on the optical lens used to read the disc or on the disc itself, particularly when the vehicle initially warms up. This may render the disc unreadable for up to an hour as the moisture evaporates naturally. You may wipe condensation of a disc with a soft cloth (from the centre outward).
- At extremely high temperatures, a temperature cutout protects the Navigation System by switching it off automatically.
- Despite our careful design of the product, as a result of mechanical wear, ambient conditions for use, or handling of the disc, small scratches that do not affect actual operation may appear on the disc surface. This is not a sign of the malfunction of the unit. Consider it to be normal wear and tear.

Resetting the System

On occasion, you may need to reset your Navigation System.

When a reset is necessary

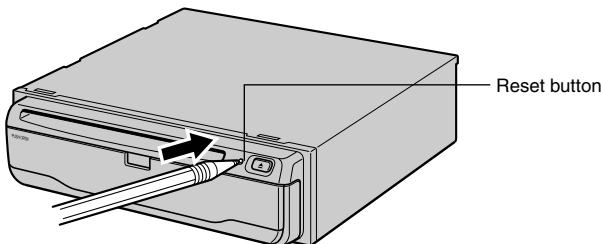
You should reset the system in the following situations:

- After installation of this unit in your vehicle.
- If there appear to be problems with the operation of the system.
- If there are problems with the display.

Using the reset button

The reset button is recessed in the front of the main unit to prevent accidental use. You can see it in the top right corner of the front panel.

Insert a pointed implement such as a ballpoint pen into the small hole and push.



If there is equipment connected to the Navigation System by RGB cable, reset this equipment as well.

Specifications

Main unit

(GPS receiver)

System	: L1, C/Acode GPS SPS (Standard Positioning Service)
Reception system	: 8-channel multi-channel reception system
Reception frequency	: 1,575.42 MHz
Sensitivity	: -130 dbm
Position update frequency	: Approx. once per second

(Common)

Max. output impedance	: 1Vp-p, 75Ω
Maximum current consumption	: 2 A
Power source	: DC 14.4V (10.8 - 15.1V allowed)
Ground type	: Negative type

GPS aerial

Aerial	: Micro strip flat antenna/right-handed helical polarization
Aerial cable	: 5.0 m

Dimensions

Main unit	: 178(W) × 50(H) × 178(D) mm
GPS aerial	: 34(W) × 13(H) × 36(D) mm
Remote control	: 38(W) × 146(H) × 30(D) mm

Weight

Main unit	: 1.5 kg
GPS aerial	: 105g
Remote control	: 87g (incl. battery)

DVD mechanism part (AVIC-9DVDn only)

REGION NUMBER	: 2
USABLE DISCS	: DVD-VIDEO/CD
SIGNAL FORMAT	
Sampling frequency	: 44.1/48/96KHz
Number of quantisation bits	: 16/20/24 bit; linear
FREQUENCY RESPONSE	: 5~44,000Hz (± 1dB)
S/N RATIO	: 96dB (IEC-A NETWORK) 97dB (IEC-A NETWORK): CD
DYNAMIC RANGE	: 96dB (1kHz) 95dB (1kHz): CD
DISTORTION	: 0.008% (1kHz)
OUTPUT LEVEL	VIDEO : 1Vp-p/75Ω AUDIO : 1mV (1kHz,0dB)
NUMBER OF CHANNELS	: 2 (STEREO)

Note:

- The specifications and design are subject to change without prior notice. The product purchased may differ in detail from illustrations in this manual.



Appendix



MEMO

Write your registered password here; remove this page from the manual, and store it in a safe place.

CAUTION:Never leave any note of your password in your vehicle.

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Printed in Belgium
Imprimé en Belgique